

CHILD WELFARE MENTAL SCREENING INITIATIVE

Evaluation Progress Report

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EVALUATION OVERVIEW :

- Pre-Post Comparison of Mental Health Health Referrals and Treatment
- De-identified Data
 - Division of Mental Health and Addiction
 - Department of Child Services
 - Office of Medicaid Policy and Planning

EVALUATION OVERVIEW :

RESEARCH PERIODS

- Benchmark Period/Pre-screening Period
 - July 1, 2003 through June 30, 2004
- Pilot Period
 - July 1, 2004 through December 31, 2004
- Full Implementation Period
 - January 1, 2005 through March 31, 2007

CLIENT FLOW

	Number of DCS Referrals	Number (%) of Children with a Previous CHINS	Number (%) of Children with a Previous Removal
Benchmark Period (July 1, 2003-June 30, 2004)	2,817	493 (17.5%)	441 (15.7%)
Full Implementation Period (January 1, 2005-June 30, 2006)	13,914	2,182 (15.7%)	2,045 (14.7%)

CLIENT FLOW ANALYSIS

	Total Number of CHINS/Removals	Number (%) of Children Screened for Mental Health/Addiction Needs	Number (%) of Children with an Identified Risk	Number (%) of Children receiving Mental Health/Addiction treatment ¹	Number (%) of Children receiving assessment
Benchmark Period	2,817	N/A	N/A	319 (11.3%)	265 (9.4%)
Full Implementation Period	13,914	9,793 (70.4%)	3,310 (33.8%)	1,550 ² (11.1%)	1,233 (8.9%)

¹ Only includes children who received services within 60 days of their current CHINS or removal and had never received services prior as indicated in data provided by DMHA and OMPP.

² Children included in the full implementation period may not have had an opportunity to receive services within the 60 day time frame. As a result, this number is biased downwards.

MENTAL HEALTH TREATMENT

	Number (%) of children receiving MH services within 3 months of contact ¹	Number (%) of children receiving services within 6 months of contact ¹	Number (%) of children receiving services within 12 or more months of contact ¹	Average cost of DCS services per child (compared to all children) ²
Benchmark Period	698 (24.8%)	864 (30.7%)	1025 (36.4%)	\$1,992 (\$1,943)
Full Implementation Period	3878 (27.9%)	4402 (31.6%)	4732 (34.0%)	\$4,398 (\$2,822)
Full Implementation: Children With Identified Risk	1529 (46.2%)	1653 (49.9%)	1714 (51.8%)	\$8,505

¹ Numbers and percentages include children who had received services prior to their current CHINS or removal.

² Cost data provided by OMPP.

RECIDIVISM

	Benchmark	Full Implementation
Age	↑	↑
Race	NS	NS
Female	NS	NS
Receiving Mental Health Services (from OMPP)	↓	↓
Risk Identified		↑

PLACEMENT STABILITY

	Benchmark	Full Implementation
Age	↓	↓
Race	NS	NS
Female	NS	NS
Receiving Mental Health Services (from OMPP)	↑	↑
Risk Identified		↑

RENDERED SERVICES PER QUARTER – MEDICAID

	Benchmark (4 Quarters)		Full Implementation (9 Quarters)		Percent Change	
Service Category	Service Hours Provided	Number of Recipients	Service Hours Provided	Number of Recipients	Percent Change (Hours)	Percent Change (# Recipients)
Assessment	1,801	990	2,298	1,500	28%	51%
Case Management	4,414	197	4,438	335	1%	70%
Crisis Management	736	304	1,375	559	87%	84%
Day Treatment Service	11,378	41	19,806	60	74%	48%
Family Support	2,604	226	1,726	281	-34%	25%
Group Therapy	857	58	661	65	-23%	13%
Individual Counseling and Psychotherapy	6,275	564	5,434	773	-13%	37%
Medication Service	2,509	1,057	2,419	1,445	-4%	37%
Other Medical Service	64	63	81	80	27%	27%
Skills Training/Skills Maintenance	3,776	175	2,490	259	-34%	48%
Visit -- 24-Hour Facility	501	270	807	431	61%	60%

NUMBER OF SERVICE HOURS PER CHILD BY RISK, PER QUARTER

	Benchmark (N=2,817)	Full Implementation (N=13,914)	
	All	No Risk Identified (N=10,604)	Risk Identified (N=3,310)
Assessment	1.82	1.48	1.65
Case Management	22.38	11.87	15.11
Crisis Services	2.42	2.43	2.52
Day Treatment Service	279.20	311.55	349.78
Family Support	11.55	6.00	6.32
Group Therapy	14.90	8.22	12.18
Individual Counseling / Psychotherapy	11.13	6.52	7.76
Medication Service	2.37	1.41	2.16
Other Medical Service	1.01	0.98	1.04
Skills Training/Skills Maintenance	21.64	9.55	9.69
Visit -- 24-Hour Facility	1.86	1.90	1.83

Clusters

Service Category	Hierarchical Cluster		K-means Cluster	
	N = 3,418	N = 3,618	N = 3,915	N = 3,121
	Low Usage	High Usage	Low Usage	High Usage
1. Assessment	0.74	1.00	0.80	0.96
2. Case Management	0.16	0.67	0.11	0.82
3. Crisis Services	0.41	0.50	0.40	0.52
4. Day Treatment Service	0.00	0.14	0.01	0.16
5. Family Support	0.04	0.52	0.03	0.61
6. Group Therapy	0.01	0.15	0.01	0.17
8. Individual Counseling/Psychotherapy	0.10	0.95	0.19	0.96
12. Medication Service	0.73	0.85	0.73	0.87
13. Other Medical Service	0.05	0.08	0.05	0.09
19. Skills Training/Skills Maintenance	0.13	0.32	0.08	0.41
25. Visit -- 24-Hour Facility	0.16	0.20	0.16	0.21

High Service Usage Cluster Membership

	Full Implementation
Age	↑
Race	↓
Female	NS
Receiving Mental Health Services (from DMHA or OMPP)	↑
Risk Identified	↑

CONCLUSIONS

- The screening initiative is getting more children into behavioral health treatment sooner and expanding access to mental health treatment for children with an identified need.
- Treatment dollars and Medicaid services are more concentrated on youth with an identified risk.
- Youth can be clustered into high and low usage clusters. Predictors include age, race, sex, previous Medicaid services, and being screened as a risk.